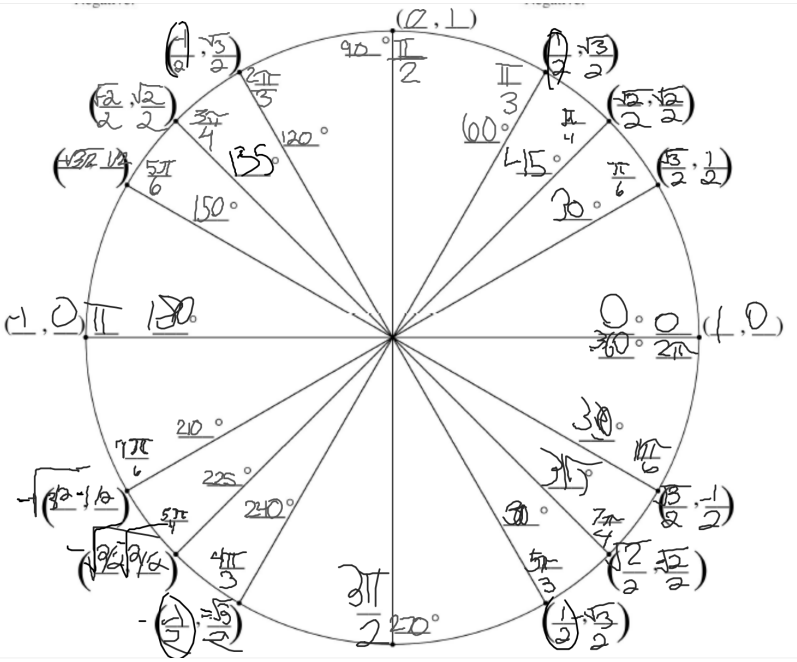
Warm-up:

1) sin $7\pi/6$

2) cot 180º

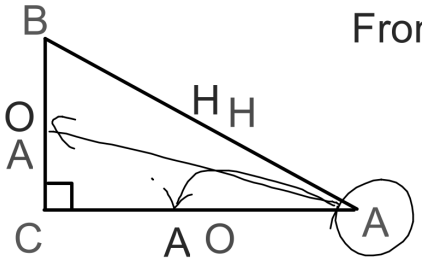


Right Angle Trigonometry

O- Opposite A- Adjacent

From ∠ A

From ∠ B



H- Hypotenuse

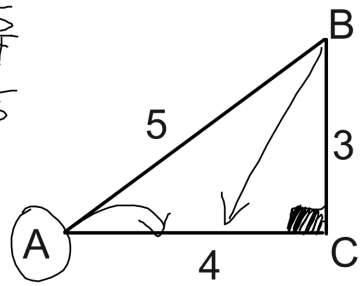
Trig Rules:

SOHCAHTOA

sin = O/H	csc= H/O
cos= A/H	sec= H/A
tan= O/A	cot= A/O

Find the following:

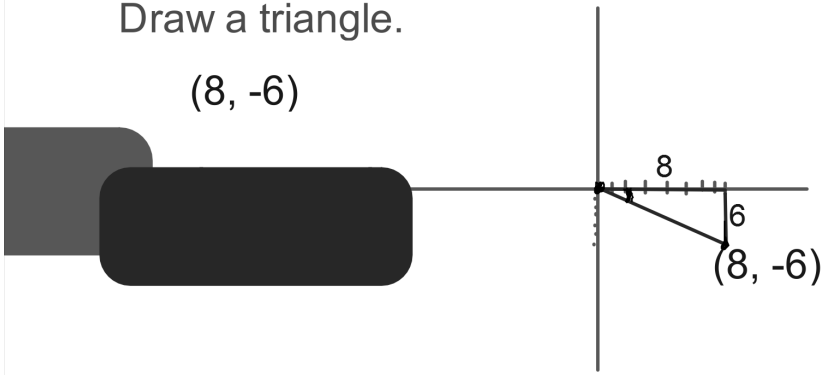
1) sin A=
2) csc B =
3) cot A =



Given a point, how do you determine the trig values?

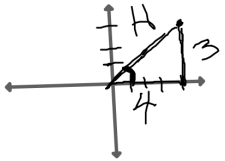
Draw a triangle.

(8, -6)



Given the following points, determine the six trig values.

1) (4, 3)



2) (-2, -1)